



\$170

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number 10/721,843

Filing Date November 25, 2003

First Named Inventor Wurzer, Steve G.

Art Unit 2816

Examiner Name Nguyen, Hai L.

Attorney Docket Number 03-2104

ENCLOSURES (Check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/
Incomplete Application
- ☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a
Provisional Application
- ☐ Power of Attorney, Revocation
Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ Landscape Table on CD

- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board
of Appeals and Interferences
- ☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify
below):
1. Power of Attorney and Correspondence
Address Indication Form, PTO/SB/81
 2. Statement Under 37 CFR 3.73(b),
PTO/SB/96
 3. Statement Under 37 CFR 1.98(a)(3)

Remarks

Additional Enclosures:

1. Copy of foreign references
2. Return Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name LSI Logic Corporation

Signature *Timothy R. Croll*

Printed name Timothy R. Croll

Date 30 Jun 05

Reg. No. 36,771

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature *Mark Salvatore*

Typed or printed name Mark Salvatore

Date 7-1-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/721,843
Filing Date	November 25, 2003
First Named Inventor	Wurzer, Steve G.
Examiner Name	Nguyen, Hai L.
Art Unit	2816
Attorney Docket No.	03-2104

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 12-2252 Deposit Account Name: LSI Logic Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims
Fee (\$) **Fee Paid (\$)****3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 = _____ (round up to a whole number)	x _____	= _____

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS Filing

Fees Paid (\$)

180

SUBMITTED BY

Signature	<u>Timothy R. Croll</u>	Registration No. (Attorney/Agent) 36,771	Telephone (408) 433-7625
Name (Print/Type)	Timothy R. Croll	Date	<u>30 JUL 05</u>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Practitioner's Docket No. 03-2104

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wurzer, Steve G.

Serial No.: 10/721,843

Group Art Unit: 2816

Filed: November 25, 2003

Examiner: Nguyen, Hai L.

For: Programmable Phase-Locked Loop

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

- ☐ **WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION**
(37 C.F.R. 1.97(b))
- ☐ **BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE**
(37 C.F.R. 1.97(c))
- ☒ **AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE**
PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d))

Pursuant to 37 CFR 1.56, Applicants hereby submit the references listed on the attached form PTO-1449 (modified).

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

- ☒ Deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

- ☐ Transmitted by facsimile to the Patent and Trademark Office.

Date: July 1, 2005

Signature: _____

Mark Salvatore
Mark Salvatore

**I. TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION
DISCLOSURE STATEMENT**

- A. ☐ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b)).

The information disclosure statement transmitted herewith is being filed:

- ☐ (1) Within three months of the filing date of a national application.
- ☐ (2) Within three months of the date of entry of the national stage as set forth in ☐ 1.491 in an international application.
- ☐ (3) Before the mailing date of a first Office Action on the merits.
- ☐ (4) To the best of the undersigned's knowledge, the information disclosure statement submitted herewith is being filed before the mailing date of a first Office action on the merits under 37 C.F.R. 1.97(b)(3). However, in the event that the USPTO has mailed an Office Action not yet received by the undersigned, a statement under 37 C.F.R. 1.97(e) is enclosed, since the disclosures submitted herewith were received by Applicants less than three months prior to the mailing date of this submittal.

- B. ☐ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c)).

The information disclosure statement transmitted herewith is being filed before the mailing date of either a final action under ☐ 1.113 or a notice of allowance under ☐ 1.311, whichever occurs first, and is accompanied by either:

- ☐ (1) a statement as specified in 37 C.F.R. 1.97(e).
- ☐ (2) the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement under ☐ 1.97(c). (\$180.00).

- C. ☒ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d)).

The information disclosure statement transmitted herewith is being filed *after* a final action under ☐ 1.113, or a notice of allowance under ☐ 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d):

- ☒ (1) Accompanying this transmittal is a statement as specified in 37 C.F.R. 1.97(e).
- ☒ (2) Applicant submits the fee set forth in ☐ 1.17(p) (\$180.00).

II. STATEMENT FOR INFORMATION DISCLOSURE UNDER 37 C.F.R. 1.97(e)

I, the person(s) signing below state:

- (1) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(1).

OR

- (2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in ☐ 1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(2).

III. FEE DUE

- ☐ No Fee due under 37 C.F.R. 1.97(b).
- ☐ No Fee due under 37 C.F.R. 1.97(c).
- ☒ Fee under 37 C.F.R. 1.97(d) \$180.00 (37 C.F.R. 1.17(p)).

IV. METHOD OF PAYMENT OF FEE

- ☐ Attached is a check for \$_____.
- ☒ Charge Account 12-2252 \$ 180.00.

If any additional fees are due, please charge Account 12-2252.

Signature of Practitioner

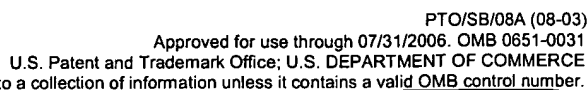


Timothy Croll
Attorney for Applicant(s)
Registration No. 36,771
Telephone No. (408) 433-7625

Date: _____

30 JUN 05

Mailing Address:
LSI Logic Corporation
1621 Barber Lane
Legal Department, MS D-106
Milpitas, CA 95035



Application Number	10/721,843
Filing Date	November 25, 2003
First Named Inventor	Wurzer, Steve G.
Art Unit	2816
Examiner Name	Nguyen, Hai L.
Attorney Docket Number	03-2104

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.